

ABSTRACT

An initial solids mixture for a later organic coating, such as pigmented coatings, films, priming coats, etc., e.g., for a coil coating method in which an initial solids mixture is applied to a substrate, e.g., broad strip, and this is thereby pre-coated, wherein the initial solids mixture includes, as additive particles, boron carbide and/or silicon carbide and/or compounds of transition elements or lanthanides, the electrical conductivity of which is selected to be in the metallic range ($\sigma > 10^2$ 1/ Ω cm and $\sigma < 10^7$ 1/ Ω cm), during the later coating, the additive particles have a continuous physical connection in at least one spatial direction.

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